Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	0.00	Rating **	Α	Issue No. 12			
LM End	0.00	Issue Type +	Ma	Location *	WS		
Category	Earthen L	.evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Operations & Maintenance				0		0
пеш	Manuals				0		0
DWR ID	DWR_RD2	.063_01_s _ 201	13_12				
Action/Comments							
Inspector (Comments	The I MA ma	aintains :	a copy of th	e O	&M manual	

Inspector Comments: The LMA maintains a copy of the O&M manual on file at district office.

Rating ** Issue No. LM Start 0.00 15 LM End 0.00 Issue Type + Ma Location * WS Earthen Levee GPS Latitude/Longitude Category Start End **Emergency Supplies &** Item Equipment

DWR ID DWR_RD2063_01_f _ 2014_15

Action/Comments
Inspector Comments: The LMA maintains adequate flood fight supplies and equipment.

Rating ** Issue No. 0.00 LM Start Α Location * WS 0.00 Issue Type + Ма LM End GPS Latitude/Longitude Earthen Levee Category Flood Preparedness & Training Item DWR ID DWR_RD2063_01_s _ 2013_21 Action/Comments

Inspector Comments: The LMA is prepared for flood response.

No Photos

No Photos

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	0.01	Rating **	М	Issue No.		27	
LM End	10.40	Issue Type +	Ма	Location *		CR	
Category	Earthen L	evee		GPS La	titud	le/Longitude	
Calegory				Start		End	
Item		Crown Surface / Depressions /			12 °	37.390455 °	
пеш	Rutting			-121.04462	27 °	-120.941945 °	
DWR ID	DWR_RD2063_01_s _ 2012_27						
	Action/Comments						

Add appropriate material and re-grade the levee to bring the crown above the design elevation.

No Photos

LM Start	0.01 Rating ** A/W		Issue No.		3		
LM End	0.50	0.50 Issue Type + Ma		Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Item	Vegetatio	Vegetation			50°	37.471548	0
пеш		-121.044603 °		-121.044553	0		
DWR ID	DWR_RD2063_01_s _ 2012_3						

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.



Looking south at typical view of waterside and landside slopes.

LM Start	0.01	Rating **	A/W	Issue No.		2	
LM End	0.50	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	tituc	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		37.47854	8 °	37.471545	0
пеш				-121.04460)5 °	-121.044553	٥
DWR ID	DWR_RD2	063_01_s _ 201	2_2				

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	1.38	Rating **	A/W	Issue No.		36	
LM End	1.38	Issue Type +	Ma	Location *	WS		
Category	Earthen L	.evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		37.4635	82 °	37.463582	0
item				-121.0322	63 °	-121.032263	0
DWR ID	DWR_RD2	.063_01_s _ 201	3_36				
		A ation/	Commo	nto.			

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

Rating ** Issue No. LM Start 1.54 LM End 1.54 Issue Type + Ma Location * LS Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 37.461322 ° 37.461322 ° Item -121.031785 ° -121.031785 ° DWR ID DWR_RD2063_01_s _ 2012_4

Action/Comments

Exterminate rodents and backfill and compact or grout burrows.

No Photos

LM Start	1.65	Rating **	A/W	Issue No.	11		
LM End	1.65	Issue Type +	Ма	Location *	LS		
Catagony	Earthen L	evee		GPS La	titud	e/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		37.4598	ı3°	37.459813	0
пеш			-121.03237	'2	-121.032372	0	
DWR ID	DWR_RD2	063_01_s _ 201	2_11				

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Photo 1 of 1 : SP_2015_RD2063_112_11_20150309_00004.jpg



Looking east at squirrel holes on landside slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	2.67	Rating **	A/W	Issue No.	982		
LM End	2.74	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start End			
Item	Animal Co	ontrol		37.44751	2 °	37.446574	0
пеш				-121.02605	0 °	-121.025643	0
DWR ID	DWR_RD2063_01_s _ 2012_982						
		Action/	Comme	nte			

Repair the levee slope damaged by livestock and prevent large animal access.

No Photos

Rating ** Issue No. LM Start 3.14 37 LM End 3.14 Issue Type + Ma Location * WS Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 37.442400 ° 37.442400 Item -121.023095 ° -121.023095 ° DWR ID DWR_RD2063_01_s _ 2013_37 Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

LM Start	3.35	Rating **	М	Issue No.		38
LM End	3.64	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory	egory			Start		End
Item	Vegetatio	n		37.44043	38°	37.436906 °
пеш				-121.02048	37 °	-121.017835 °
DWR ID	DWR_RD2063_01_f _ 2012_38					

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: Control Johnson grass at landward toe.



Looking south at vegeatation at landward toe.

Location LS : Land Side N/A : Not Applicable A: Acceptable WS: Water Side : Minimally Acceptable CR : Crown U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	3.49	Rating **	М	Issue No.		53	
LM End	3.49	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		37.4386	97 °	37.438697	0
item				-121.0192	32 °	-121.019232	0
DWR ID DWR_RD2063_01_f _ 2014_53							
Action/Comments							

Exterminate rodents and backfill and compact or grout burrows.



Looking north at typical view of rodent holes on waterward slope.

LM Start	3.71	Rating **	A/W	Issue No.		29	
LM End	3.76	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory	Salegory			Start		End	
Item	Animal Co	Animal Control			97 °	37.435732	0
item				-121.0169	37 °	-121.016090	0
DWR ID	DWR_RD2063_01_s _ 2012_29						

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Photo 1 of 1 : SP_2015_	RD2063_112	2_29_20150309	_00008.jpg
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Looking at typical view of a squirrel hole on landside shoulder.

	LM Start	4.64	Rating **	A/W	Issue No.		20	
	LM End	4.64	Issue Type +	Ma	Location *	LS		
	Category Earthen Levee				GPS Lat	itud	e/Longitude	
Category					Start		End	
	Item	Trim / Thi	n Trees		37.42989	2 °	37.429892	0
	пеш			-121.00476	8°	-121.004768	0	
	DWR ID DWR_RD2063_01_s _ 2012_20							
	Action/Comments							

Action/Comments

Trim trees to at least five feet above ground level.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	5.99	Rating **	A/W	Issue No.	5	
LM End	5.99	Issue Type +	Ma	Location *	LS	
Category	Earthen L	GPS La	titud	le/Longitude		
Calegory			Start		End	
Item	Animal Co	nimal Control			37 °	37.415887 °
пеш				-120.99808	33 °	-120.998083 °
DWR ID	DWR_RD2	063_01_s _ 201	2_5			
Action/Comments						
Exterminat	te rodents	and backfill a	nd comp	act or grout	bur	rows.

No Photos

LM Start	6.04	Rating **	A/W	Issue No.		120	
LM End	6.26	Issue Type +	Ma	Location *		LS	
Catagony	Earthen L		GPS Latitude/Longitude				
Calegory	Category					End	
Item	Vegetatio	n		37.4154	88 °	37.413473 °	
item	-120.998988 ° -121.0016						
DWR ID	DWR ID DWR_RD2063_01_s _ 2012_120						
		A .: /	_				

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

Photo 1 of 1: SP_2015_RD2063_112_120_20150309_00014.jpg



Looking south at dense vegetation on landside toe.

LM Start	6.21	6.21 Rating ** M		Issue No.		40	
LM End	6.21	1 Issue Type + Ma		Location *	LS		
Category	GPS Latitude/Longitude						
Category				Start		End	
Item	Trim / Thi	n Trees		37.4141	10°	37.414110	0
пеш				-121.0014	08 °	-121.001408	0
DWR ID DWR_RD2063_01_s _ 2015_40							
Action/Comments							

Trim trees to at least five feet above ground level.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	6.67	Rating **	A/W	Issue No.	41		
LM End	6.70	Issue Type +	Ma	Location *	WS		
Catagony	Category Earthen Levee			GPS Latitude/Longitude			
Calegory		Start		End			
Item	Animal Control			37.41187	7°	37.411725	0
пеш				-120.99568	5°	-120.995092	0
DWR ID	DWR_RD2063_01_s _ 2013_41						
		Action/	Comme	nts			

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

Rating ** Issue No. LM Start 6.89 39 LM End 6.89 Issue Type + Ма Location * LS Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 37.411785° 37.411785 ° Item -120.993548 ° -120.993548 ° DWR ID DWR_RD2063_01_s _ 2012_39 Action/Comments

Trim trees to at least five feet above ground level.

No Photos

LM Start	7.35	Rating **	М	Issue No.	6			
LM End	7.35	Issue Type +	Ma	Location *		WS		
Catagory	Earthen L	.evee		GPS Latitude/Longitude				
Category				Start		End		
Itom	Encroachments			37.4043	77 °	37.404377	0	
Item				-120.9888	52 °	-120.988852	0	
DWR ID	DWR_RD2	2063_01_f _ 201	4_6					
		A - 1' 1	O	- 1 -				

Action/Comments

Tree or limb

Inspector Comments: Fallen tree limbs at waterward toe.



Looking southwest at fallen tree limbs at waterward toe.

Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence LS : Land Side N/A : Not Applicable A: Acceptable N: Not Inspected/Rated WS: Water Side : Minimally Acceptable C : Corrected CR : Crown U : Unacceptable A/W: Acceptable but Monitor & Maintain En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	7.56	Rating **	A/W	Issue No.	7		
LM End	7.56	Issue Type +	Ma	Location *	LS		
Catagony	Category Earthen Levee				GPS Latitude/Longitude		
Calegory		Start		End			
Trim / Thin Trees			37.403516 °		37.403516	0	
Item		-120.985718 °		-120.985718	0		
DWR ID	DWR_RD2063_01_s _ 2012_7						
Action/Comments							

Trim trees over roadway to at least 12 feet above ground level.



Looking north at overhanging tree on landward slope.

LM Start	7.68	Rating **	A/W	Issue No.		23	٦
LM End	7.77	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
Vegetation				37.4024	00°	37.401563 °	0
iteiii			-120.9840	87 °	-120.982775 °	0	
DWR ID	DWR_RD2063_01_s _ 2012_23						

Action/Comments

Remove the wild growth other than native grasses from the levee slopes.

No Photos

LM Start	7.74	Rating **	A/W	Issue No.	9					
LM End	7.74	Issue Type +	Ма	Location *		LS				
Category	Earthen L	GPS Latitude/Longitude								
				Start		End				
Itom	Trim / Thin Trees			37.40177	4 °	37.401774	0			
Item				-120.98313	2 °	-120.983132	0			
DWR ID	DWR_RD2	DWR_RD2063_01_s _ 2012_9								
	Action/Comments									

Trim trees over roadway to at least 12 feet above ground level.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W: Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 2063 Crows Landing

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	10.44	05/12/2015 05/12/2015	Richard Willoughby

LM Start	8.63	Rating **	М	Issue No.	43				
LM End	8.69	Issue Type +	Ma	Location *	LS				
Category	Earthen L	evee		GPS Latitude/Longitude					
Calegory				Start		End			
Itom	ltem Vegetation			37.3957	52 °	37.394933	0		
пеш				-120.9708	23 °	-120.970225	0		
DWR ID	DWR_RD2								
	Action/Comments								

Remove the wild growth other than native grasses from the levee

Inspector Comments: Control Johnson Grass at landward toe.

No Photos

LM Start	8.89	Rating **	A/W	Issue No.	25		
LM End	8.89	Issue Type +	Ма	Location *	WS		
Category	Earthen L	GPS Latitude/Longitude					
Category			Start		End		
ltom	Animal Control			37.3924	05 °	37.392405	0
Item				-120.9684	92 °	-120.968492	0
DWR ID	DWR_RD2063_01_s _ 2013_25						
		Action/	Commo	nte			

Action/Comments

No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

No Photos

LM Start	10.38	Rating **	М	Issue No.	42		
LM End	10.43	Issue Type +	Ma	Location *	WS		
Category	Earthen L	.evee		GPS Lat	ituc	le/Longitude	
Category				Start		End	
Item	Erosion /	Bank Caving		37.39050	3°	37.390483	0
item				-120.94236	8 °	-120.941480	0
DWR ID	DWR_RD2	.063_01_s _ 201	3_42				

Action/Comments

Schedule repair of erosion site prior to the next inspection. Inspector Comments: Repair erosion on waterward shoulder. Erosion cause by farm equipment.

Photo 1 of 1: SP_2015_RD2063_112_42_20150309_00011.jpg



Looking north at erosion on waterward shoulder.

Location LS : Land Side N/A : Not Applicable

WS: Water Side CR : Crown

A: Acceptable : Minimally Acceptable N: Not Inspected/Rated

C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En : Enforcement